Claims:

1. An optical connector comprising a supporting block, a pair of guide pins protruding from said mounting block for mating with a connecting component, an array of active optical components recessed into said supporting block so that a void is present between said active optical components and optic fibers carried by said connecting component, and a transparent filler material filling said void and providing a light path between said active optical components and said optic fibers.

2. An optical connector as claimed in claim 1, wherein said transparent filler material is silicone.

3. An optical connector as claimed in claim 2, wherein said mounting block is a heat sink.

4. An optical coupling comprising a first connector portion and a second connector portion mating with said first connector portion, said first connector portion comprising:

mounting block;

a pair of guide pins protruding from said mounting block;

an array of active optical components recessed into said mounting block; and

said second connector portion comprising:

a supporting block;

a bundle of optic fibers carried by said supporting block terminating at an end face of said supporting block; and

wherein a void is present between said active optical components and said end face of said supporting block, and a transparent filler material fills said void to provide a light path between said active optical components and said optic fibers.

5. An optical coupling as claimed in claim 4, wherein said transparent filler material is silicone.

6. An optical coupling as claimed in claim 5, wherein said supporting block of said second portion is transversely sliced.

7. An optical coupling comprising a pair of optical fibers with abutting ends defining a void therebetween, and a transparent filler material in said void to couple said optical fibers together.